Z/011/62/019/010/007/009
E112/E435

AUTHOR: Kirillov, E.A.

TITLE: Fine structure characteristics in the absorption spectrum of silver halide

PERIODICAL: Chemie a chemická technologie. Přehled technické a hospodářské literatury, v.19, no.10, 1962, 484, abstract Ch 62 6521 (Zh. nauch. prikl. Fotogr, Kinematogr. v.7, no.1, 1962, II, 70-75)

TEXT: A spectrophotometric study of fine structure in the absorption spectrum of silver halide, produced by light-absorption in a nonhomogeneous medium, containing the dispersed metal. 3 diagrams, 4 tables, 26 literature references.

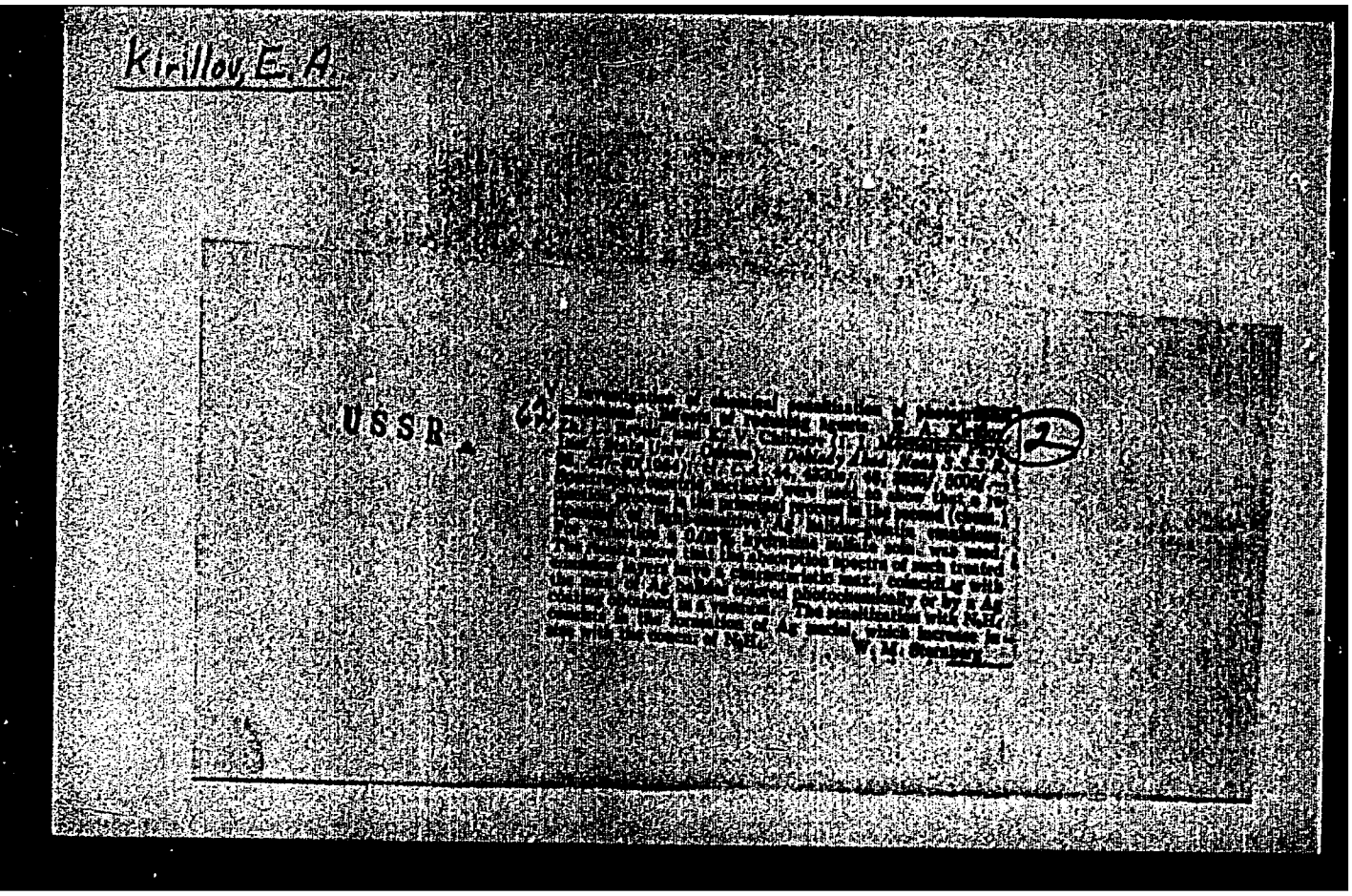
[Abstracter's note: Complete translation.]

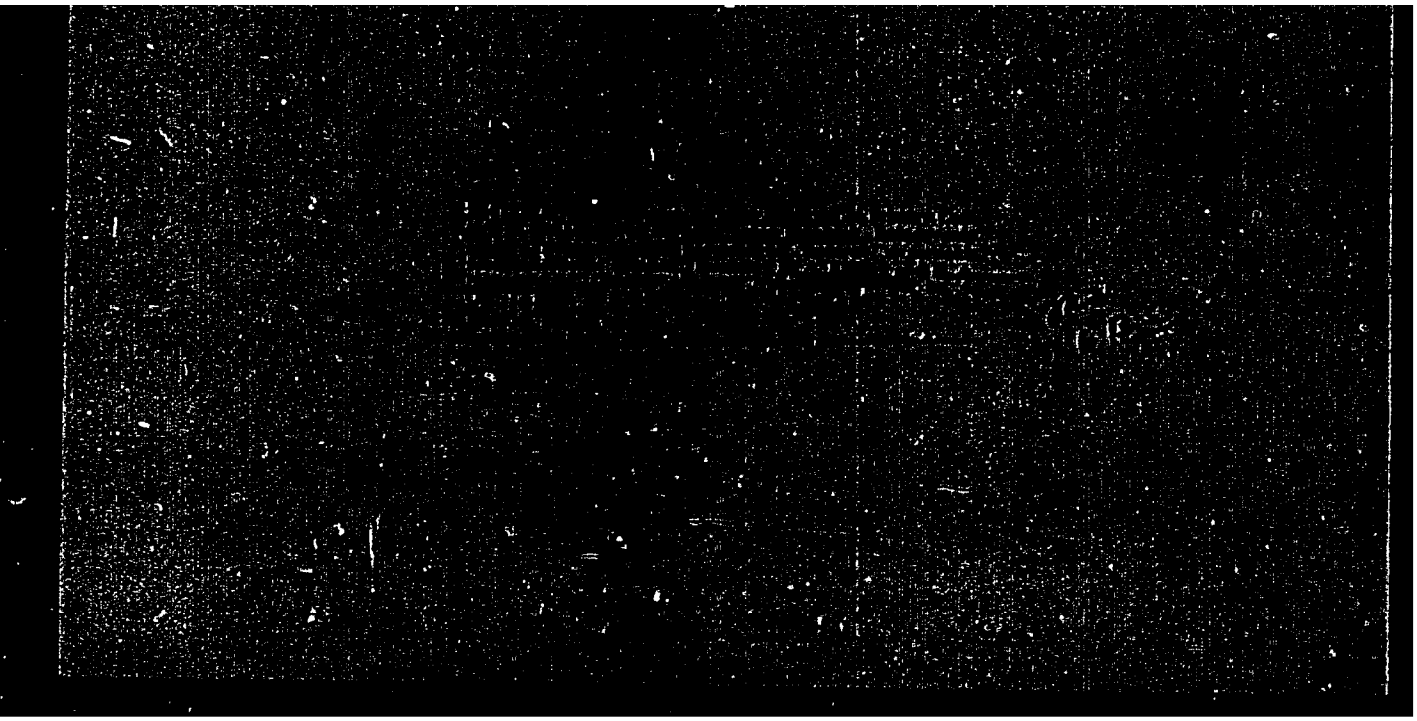
Card 1/1

KIRILLOV, E. A.

Fine structure in the absorption spectrum of photochemically colored silver halides
Moskva, Izd-vo Akad. nauk SSSR, 1954. 78, 2 p. (55-34287)

QC464.A3K5



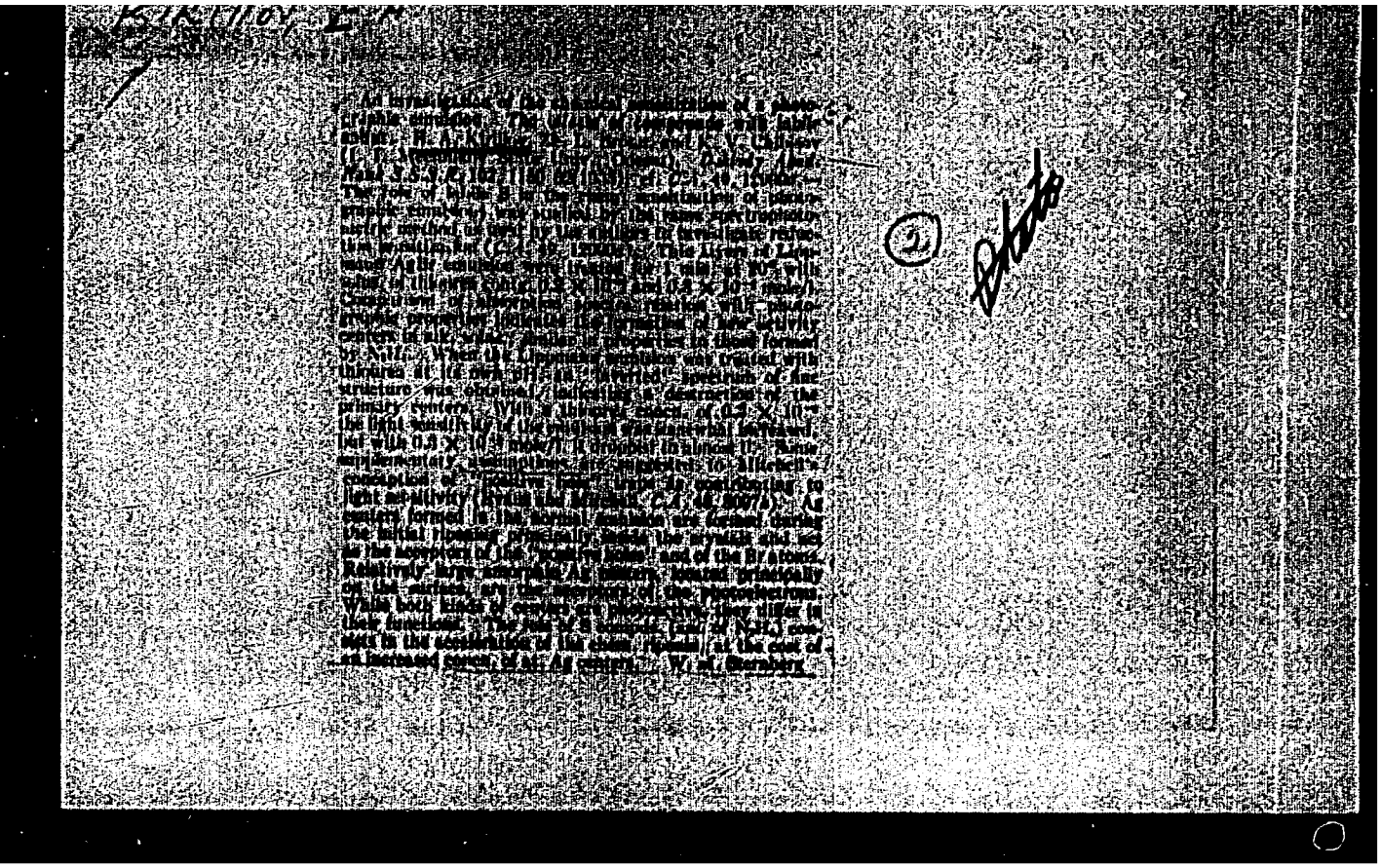


APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722620017-4"

Kirillov, E. A.

CA

The absorption spectra of silver halides and thin layers of silver. E. A. Kirillov. Zhur. Tekh. Fiz. 25, 3143-9 (1955); [illegible] — Following up earlier work by K. on Ag halides with excess Ag (exposed photographic emulsions) (C.A. 44, 4330e; 48, 8160e, 48, 8838f), the absorption spectra of Ag halides (AgCl, AgBr) are compared to the ones of thin layers of Ag. Werner Jacobson



KIRILLOV, E. A. and NESTEROVSKAYA, E. A.

"The Structure of the Absorption Spectrum and the Bleaching-Out of Photochemically Colored Silver Halides," paper given at the International Conference on Scientific Photography, Cologne, 24-27 Sep 1956

E-3,068,138

KIRILLOV E. V.

PA 21/49T18

USSR/Communications Nov 48
Cables, High Frequency
Cables, Telephone

"Improving Transitional Attenuation in High-Frequency Interurban Cables," E. V. Kirillov, Engr, 2½ pp

"Vest Svyazi - Elektrosvyaz'" Vol VIII, No 11

Describes simplified method of increasing transitional attenuation. Does not involve cumbersome calculations or apparatus to measure inductive and active links in booster section. Process of symmetrization is speeded up, and readings can be taken by less highly qualified workmen. Includes seven diagrams and one table.

21/49T18

KIRILLOV, F.A.

AID P - 4648

Subject : USSR/Aeronautics - training

Card 1/1 Pub. 135 - 14/26

Author : Kirillov, F. A., Eng.-Capt.

Title : On the connection between the theory and practice of flight.

Periodical : Vest. vozd. flota, 37 5, 65-69, My 1956

Abstract : The author stresses the importance of the knowledge of theory of flight by pilots and shows how to apply it in practice. Two graphs. The article is of little value.

Institution : None

Submitted : No date

KIRILLOV, F.A., inshener-kapitan.

Instructor in flight theory at the airport. Vest.Vozd.Fl.39 no.9:80 S '56. (MLRA 10:1)
(Aeronautics, Military--Study and teaching)

KIRILLOV, F. A.

Kirillov, F. A., and Sadovskii, M. A. "The Seismic Effect of Explosions and the Present State of Its Study." Vzryvchatoe Delo, Moscow-Leningrad, No. 37, 1939, pp. 103-132.

KIRILLOV, F.A.

KIRILLOV, F.A., KORIDALIN, YE. A., and KUZNETSOV, V. P.

"Epicenters of the Shemakh Earthquakes", Dokl. AN Az SSR, 9, No 12, 701-706, 1953 (Azerbaydzhani resume)

(No abstract.) (RZhGeol, No 5, 1954)
SO: Sum. No. 443, 5 Apr. 55

KIRILLOV, F.

USSR/Geophysics - Conference

FD-762

Card 1/1 : Pub 44-10/11

Author : Kirillov, F.

Title : Chronicles. Conference of young scientists of the Geophysics Institute, Academy of Scientists of the USSR

Periodical : Izv. AN SSSR, Ser. geofiz., 495-496, Sep-Oct 1954

Abstract : May 17-20, 1954, the Geophysics Institute held a conference at which junior scientific workers participated with 18 reports; e.g. Ye. A. Lyubimova (heating of the Earth), S. L. Solov'yev (intensity of earthquakes in Turkmenia 1912-1951), S. A. Fedotov (wave hodographs), Yu. I. Vasil'yev (use of amplitude data in seismic prospecting), O. G. Shamina (elastic impulses during collapse of rocks in earthquakes), O. I. Silayeva (velocity of propagation of elastic waves in granite, marble, etc.), V. I. Tatarskiy (propagation of waves in medium with random weak inhomogeneity of refraction coefficient), L. P. Zaytsev (reflection of waves from boundary), A. S. Chaplygina (measuring the thermobaric field in the atmosphere by statistical treatment of empiric data).

Institution : --

Submitted : --

KIRILLOV, F A.

USSR/Geophysics

FD-2589

Card 1/1 Pub. 44 19/19

Author : Kirillov, F. A.

Title : Conference of young scientists of the geophysics institute, Academy of Sciences USSR

Periodical : Izv. AN SSSR, Ser. geofiz, Jul-Aug 55, 399-400

Abstract : During 12-14 May 1955 the Geophysics Institute, Academy of Sciences USSR, conducted a conference of the young scientists of the Institute. A total of 15 papers were presented on the various divisions of geophysics.

Institution :

Submitted :

KIRILLOV, F.A.

Dissertations defended in the Scientific Council of the Geophysical Institute of the Academy of Sciences of the U.S.S.R. in 1956.
Izv.AN SSSR Ser.geofiz.no.7:876-879 Jl '56. (MIRA 9:9)
(Geophysics)

KIRILLOV, F.A.

Dissertations defended in the scienrific council of the Institute of the Physics of the Earth in the Academy od Sciences of the U.S.S.R. in 1956. Izv.AN SSSR Ser.geofiz. no.10:1236-1238 O '56.
(Geophysics) (MLRA 10:1)

KIRILLOV, F.A.

Seismic effect produced by explosions in underground coal mines.
Trudy Geofiz.inst.no.34:269-279 '56. (MLRA 10:2)
(Coal mines and mining) (Mine explosions)

49-3-15/16

AUTHOR: Kirillov, F.A.

TITLE: Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Konferentsiya mladshikh nauchnykh sotrudnikov, inzhenerov i aspirantov Instituta Fiziki Zemli AN SSSR).

PERIODICAL: "Izvestiya Akademii Nauk, Seriya Geofizicheskaya" (Bulletin of the Ac.Sc., Geophysics Series), 1957, No.3, pp.411-415 (U.S.S.R.)

ABSTRACT: The conference was held on December 24-26, 1956, 21 papers were read relating to work completed in 1955 and 1956. In this report the contents of the individual papers are briefly summarised.
V. A. Romanyuk read a paper on determining the force of gravity of the sea; it is stated that other authors did not take into consideration the rotation of the base when formulating the differential equations of the pendulum movements and, therefore, he derived formulae in which this rotation is taken into consideration and which are convenient for practical utilisation.
A. V. Rykov read a paper on measuring the energy flow of seismic waves. He obtained several recordings of the

Card 1/4

Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Cont.)

energy of seismic waves and evaluated the energy of earthquakes comparing the results with values calculated by means of a formula which is in use.
V. A. Smirnov discussed his investigations with optical instruments for measuring the seismic inclination proposed by G. A. Gamburtsev.
G. I. Reysner read a paper on "New movement of the Alay depression and the mountains surrounding it".
N. N. Leonov read a paper on the present structure of the Pamir-Alay region and comparison of its structure with the seismicity.
S. V. Vinogradov read a paper on acoustical observations in (coal) mine workings and he concluded that such acoustical observations are of interest from the point of view of investigating physical processes taking place in earthquake foci.
Card 2/4 V. I. Myachkin read the paper "Study of the stress state of a massive under mine working conditions by means of ultrasonics."

Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Cont.)

I. S. Tomashevskaya read the paper "On the problem of investigation of the shear modulus of rock specimens under conditions of high pressures from all sides".
O. I. Silayeva read a paper on investigating the propagation of elastic waves in rods and plates.
The paper of V. S. Isayev was devoted to the study of distortions of the wave pattern in the case of grouping of seismographs (explosions) in seismic prospecting.
S. A. Fedotov read a paper on the kinematic and dynamic features of waves refracted at curvilinear boundaries.
Ye. V. Rybakova read a paper on dipole electromagnetic sounding.
O. M. Barsukov read the paper "Certain problems of the method of measurement in an elliptical polarised electromagnetic field".
B. P. D'yakonov read the paper "Diffraction of electromagnetic waves on spherical inclusions in a two-layer medium".
I. I. Rokityanskiy read a paper on the study of the induced polarisation in ion conducting rocks.
A. S. Bol'shakov read the paper "Magnetic stability of rocks".
R. S. Taychinov read the paper "Magnetic properties of sedimentary rocks in strong magnetic fields".

Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Cont.)

S. P. Burlatskaya read a paper on the technique of measuring the magnetic properties of rocks.
S. Yu. Brodskaya read a paper on investigating the magnetic properties of anisotropic rocks.
Ye. N. Mokhova read the paper "Magnetization of a rectangular prism".
N. F. Mal'tseva and K. Ya. Koz'yakova read a paper on the technique of evaluation of recordings of micro-variations of the magnetic field of the Earth.

AVAILABLE: Library of Congress

Card 4/4

AUTHOR: Kirillov, F. A. SOV/49-59-8-27/27

TITLE: The Fourth Conference of Young Scientists of the Institute of Physics of the Earth imeni O. Yu. Shmidt, Ac. Sc., USSR

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 8, pp 1260-1263 (USSR)

ABSTRACT: The conference, which took place on March 16-18, 1959, was convened by the Institute of Physics of the Earth, Ac.Sc., USSR. The following papers were read: V. P. Trubitsyn "On the state of matter at high pressures", G. A. Sobolev "Investigation of rocks under field conditions", Ye. I. Bayuk "Determination of elastic parameters of rocks at high pressures", V. B. Tsukernik and P. F. Frolov "Determination of elastic parameters of rocks by a method of supersonic seismic survey", A. A. Gvozdev "Motions in the vicinity of the front of an elastic wave", G. S. Pod"yapol'skiy "Low frequency waves at a boundary between two elastic half-spaces", L. M. Flitman "Elastic waves in a half-space when a body is pressed into it", V. G. Zernyatko "Effect of the foundation conductivity on the conductivity of an

Card 1/3

The Fourth Conference of Young Scientists of the Institute of Physics of the Earth imeni O. Yu. Shmidt, Ac.Sc., USSR

input electric circuit", I. M. Kuznetsov "Determination of a fold formation by means of models", V. N. Sholpo "Mechanism of the formation of folds", N. N. Zarudnyy "Geological history of the northern part of the Okhotsk Sea", G. I. Reysner "New tectonic motions in central Tian-Shan", N. N. Leonov "Khaitsk earthquake in 1949", S. D. Vinogradov "Statistical relationships in the fracturing of rocks", T. G. Ivanova "Construction of a medium determined by means of seismic sounding", Yu. A. Kolesnikov "Analysis of earthquake vibrations", G. M. Borkovskiy "A seismo-acoustic apparatus for determining the parameters of rocks", V. A. Obukhov "On the laboratory seismoscope type LS-1", Yu. F. Vasil'yev "Electric modelling of mediums", L. L. Khudzinskiy "An apparatus for analysing seismic vibrations", M. A. Gostev "A method of determining a Station's characteristics under field conditions", M. S. Mosyagin "Recording of incidental phenomena by means of luminescence", N. N. Nikiforova "Relationship between the electric properties of rocks and the frequency

Card 2/3

The Fourth Conference of Young Scientists of the Institute of Physics of the Earth imeni O. Yu. Shmidt, Ac.Sc., USSR

of a variable electromagnetic field", A. P. Shushpanov "Determination of the thermal coefficients of rocks by means of a momentary source of heat", O. M. Barsukov "Electromagnetic field of the Earth from I.G.Y. data", O. V. Bol'shakova "Distribution in time and space of the magnetomotive force of a magnetic field", K. Yu. Zybin "On observations of the magnetomotive force of the Earth's magnetic field", S. Yu. Brodskaya "Investigation of two-phase magnetization of samples".

Card 3/3

KIRILLOV, F.A.; MEDVEDEV, S.V.; SHAMIN, V.M.

Instructions on studying the seismic action of blasts on structures. Trudy Inst. fiz. Zem. no.21. Vop. inzh. seism. no.6:118-122 '62. (MIRA 15:9)

(Blasting)
(Strains and stresses)

KIRILLOV, F.A.

Studying the seismic effect of blasts in the Institute of Earth Physics of the Academy of Sciences of the U.S.S.R. Trudy Inst. fiz. Zem. no.21, Vop. inzh. seism. no.6:123-138 '62. (MIRA 15:9)

(Blasting)

GORYACHEV, A.V.; YERSHOV, I.A.; KIRILLOV, F.A.; KUZIN, I.P.; LYAMZINA, G.A.; MEDVEDEV, S.V.; POPOV, V.V.; FEDOTOV, S.A.; SHTEYNBERG, V.V.

Seismic microzoning of the Petropavlovsk-Kamchatskiy area. Trudy Inst. fiz. Zem. 28 Vop. inzh. seism. no.8:3-60 '63. (MIRA 16:11)

ACCESSION NR: AP4014028 S/0049/64/000/001/0090/0097

AUTHOR: Kirillov, F. A.

TITLE: Causes of diminished seismic effect of explosions during delayed action detonation

SOURCE: AN SSSR. Izv. Seriya geofizicheskaya, no. 1, 1964, 90-97

TOPIC TAGS: seismic effect, seismic wave, diminished seismic effect, explosion, delay action, delayed explosion, delay action detonation, shock wave, sound wave

ABSTRACT: For this study explosions were set off in a mine in a sequence of four blasts, with a delay of about 2 sec between individual blasts. Fourteen tons of explosives were detonated in the first blast. The succeeding blasts were of larger charges. Despite this, the later blasts produced smaller seismic responses than the first. The first shock was felt very distinctly in the building in which the recording instrument was housed. The second blast was felt much less appreciably, and the third and fourth were not felt at all. In these delayed explosions there occurred a diminution (two- to threefold) in the seismic effect because of transformation, by the shock waves, of the interface between denser and less dense media.

Card 1/3

ACCESSION NR: AP4014028

As the shock waves entered the less dense medium, which had become crushed and saturated with detonation products, there occurred a sharp decline in pressure and wave-front velocity. This zone acted as a shield or damper, weakening the energy of the wave. The decline in seismic effect, consequently, was not due to wave interference. The delay interval between individual blasts may be varied, up to escape of the gases from the ground. The optical interval is selected according to the best effects for mining-technological purposes. The boundaries of the zone in the ground with the greatest concentration of gaseous products of the explosion are determined by the formula $R = (0.8\text{-}1)q^{1/3}$ m, where q is the weight of the charge in kg. With delayed explosions, sound waves of succeeding blasts are markedly extinguished. "I take this opportunity to express my thanks to S. V. Puchkov and D. A. Kharin for their valuable advice and suggestions on the paper, and to S. V. Medvedev for permission to publish experimental material." Orig. art. has: 4 figures, 2 tables, and 5 formulas.

ASSOCIATION: Akademiya nauk SSSR Institut fiziki Zamli (Academy of Sciences SSSR, Institute of Physics of the Earth)

SUBMITTED: 05Apr63 DATE ACQ: 14Feb64 ENCL: 00

Card 2/3

ACCESSION NR: AP4014028

SUB CODE: AS NO REF SOV: 022 OTHER: 001

Card 3/3

ACC NR: AP7007060 SOURCE CODE: UR/0387/66/000/004/0071/0077

AUTHOR: Kirillov, F. A.
ORG: Institute of Physics of the Earth, AN SSSR (Institut fiziki Zemli AN SSSR)

TITLE: Decrease of the seismic effect in the delayed shooting method

SOURCE: AN SSSR. Izvestiya. Fizika zemli, no. 4, 1966, 71-77
TOPIC TAGS: seismic wave, geology
SUB CODE: 08

ABSTRACT: The value of the radius of the effect of explosive waves for grounds of intermediate strength when using the delayed shooting method is limited to 20 radii (20 R_0) of the explosive charge. The distances between adjacent charges as established by the technical rules for shooting work correspond to the radius of effect of explosive waves. They therefore correspond to all the requirements of decrease of the seismic effect of an explosion. The interval of delay for obtaining the maximum decrease of the seismic effect of a shot in the delayed shooting method should be as great as possible. For practical purposes it can be several seconds and last up to the time of wind removal of the explosion gases from highly deformed fractured zone of a shot. The delay interval of 25 milliseconds usually used in quarries is insufficiently large. In order to decrease the seismic effect it is necessary to increase the delay interval to values limited by technical requirements. Carrying out an experiment with a distance R between charges lying in the range from 10 R_0 to 100 R_0, with a constant delay interval (50 msec), makes it possible to

Card 1/2 UDC: 534.222.2:624.042.7

ACC NR: AP7007060

study the interaction of the shock waves and determine the role of these waves in the formation of the elastic seismic oscillations of the ground. Orig. art. has: 1 figur, 14 formulas and 2 tables.
[JPRS]

Card 2/2

KIRILLOV, F.D., agronom

Ensiling carrots together with leaves. Ptitsevodstvo 9 no.8:16 Ag '59. (MIRA 12:12)

1. Zabrodenskiy ptitsesovkhoz, Voronezhskoy oblasti.
(Carrots as feed) (Ensilage)

KIRILLOV, F.F.

23445 BLIZHAYSHIYE ZADACHI NAUCHNO-ISSLEDOVATEL'SKOY RABOTY PO SEVERNOMU VINOGRADARSTVU. (STAT'I): F.F. KIRILLOV. OBESPECHIT' USPESHNOYE RAZVITIYE VINOGRADARSTVA V SEVERNOY ZONE. -- I. V. BELOKHONOV. RAZRABOTAT' NOVYYE PRIYEMY AGROTEKHNIKI DLYA SEVERNOGO VINOGRADARSTVA. VINODELIYE I VINOGRADARSTVO SSSR, 1949, No. 7, c. 19-25

SO: LETOPIS NO. 31, 1949

KIRILLOV, F. F.

Kratkaia ampelografiia severnykh raionov vinogradstva /Brief ampelography of northern grape-growing regions/. Moskva, Sel'khozgiz, 1952. 255 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 5, August 1953.

KIRILLOV, F. F.

Viticulture

Scientific research work on viticulture. Vin. SSSR. 12, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952, Uncl.

KIRILLOV, F.G., inzhener

Increase the role of mill laboratories in the oil and fat industry.
Masl.-zhir.prom.20 no.5:21-23 '55. (MLRA 8:11)

1. TSentral'naya laboratoriya Krasnodarzhirmaslo
(Oils and fats)

KIRILLOV, F.G., inzhener.

Processing sunflower seeds without separating hulls. Masl.-zhir. prom. 23 no.3:4-5 '57. (MLRA 10:4)

1. TSentral'naya laboratoriya tresta "Krasnodarzhirmaslo".
(Sunflower seed)

PLYUSHKINA, Ye.Z., inzh.; KIRILLOV, F.G., inzh.; TULINOVA, L.V.

Method for determining the keeping quality of sunflower seeds during storage. Masl.-zhir.prom. 24 no.5:12-13 '58.
(MIRA 12:1)

1. TSentral'naya laboratoriya Upravleniya maslozhirovoy promyshlennosti Krasnodarskogo sovnarkhoza (for Plyushkina, Kirillov).
2. Labinskiy maslozavod (for Tulinova).
(Sunflower seed--Storage)

KIRILOV, F.G., insh.; KUKHLEVSKAYA, V.A.; YUSKEVICH, T.I.

Storage of sunflower seed meal in silo-type warehouses. Masl.-zhir.prom. 25 no.4:5-7 '59. (MIRA 12:6)

1. TSentral'naya laboratoriya upravleniya maslozhirovoy promyshlennosti Krasnodarskogo sovnarkhoza (for Kirillov, Kukhlevskaya). 2. Krasnodarskiy maslozhirovoy kombinat (for Yuskevich).
(Sunflower seed meal--Storage)

KIRILLOV, F.K., insh.; PLYUSHKINA, Ye.Z.

For retaining the quality of sunflower seeds. Masl.-zhir. prom. 25 no.9:7-8 '59. (MIRA 12:12)

1. TSentral'naya khimicheskaya laboratoriya Upravleniya pishchevoy promyshlennosti Krasnodarskogo sovnarkhoza.
(Krasnodar Territory--Sunflower seed)

KIRILLOV, F.G., inzh.; KUKHLEVSKAYA, V.A., inzh.

Simplified method for determining the acid number of oil in seeds. Masl.-zhir.prom. 27 no.1:10-11 Ja '61. (MIRA 14:1)

1. TSentral'naya khimicheskaya laboratoriya Upravleniya pishchevoy promyshlennosti Krasnodarskogo sovnarkhoza.
(Sunflower seed oil)

KIRILLOV, F.N., kandidat biologicheskikh nauk.

Parasites of fishes of the Lena River. Priroda 45 no.11:112 N '56.
(MLRA 9:11)

1. Institut biologii Yakutskogo filiala Akademii nauk SSSR.
(Lena River--Parasites--Fishes)

KIRILLOV, F.N.

Ichthyofauna of the Vilyuy basin. Trudy Inst.biol.IAFAN SSSR no.8:5-71 '62. (MIRA 16:1)
(Vilyuy River--Fishes)

KIRILLOV, F.N.

Brachymystax lenok (Pallas). Nauch. soob. IAFAN SSSR no.1:144-148 '58.
(MIRA 17:1)

PEREVEZENTSEV,.V. V., Maj., Vet. Corps; F. S. KIRILLOV, Sr. Lt., Vet. Corps.

"Effect of Intravenous Infusions of White Streptocide (III), on the Blood of a Horse"

Section in Table of Contents,(p. 253) in Chap. V - Tests and Practice, of "Bolezni Loshadey - Sbornik Rabot " ("Equine Diseases - Collection of Works"), Ogiz-Sel'khozgiz, 1947, compiled by A. Yu. Branzburg and A. Ya. Shapiro, and edited by A. [illegible]. Laktionova, State Press for Agricultural Literature. Works in a majority of cases published previously in the journal Veterinariya or in one of the manuals issued by the Veterinary Administration of the Armed Forces. (1947)

TREUSHNIKOV, Yu., inzh.; KIRILLOV, G., kapitan-nastavnik

Change the order of placing the beacons. Rech. transp. 21 no.3:44-45 Mr '62. (MIRA 15:4)
(Beacons)

TREUSHNIKOV, Yu.; KIRILLOV, G.; SHITOV, V., kapitan-nastavnik

Study of winter navigation conditions on the Kuybyshev Reservoir. Rech.transp. 23 no.11:6 N '64. (MIRA 18:3)

1. Zamestitel' nachal'nika Volzhskogo gosudarstvennogo parokhodstva po tankernomu tonnazhu (for Treushnikov). 2. Kapitan ledokola "Dnepr" (for Kirillov).

KIRILLOV, G.A.

Designing hydrocyclone gas separators. Trudy Giprovostoknefti no.4: 18-25 '61. (MIRA 16:8)
(Separators (Machines))

KASSIRSKIY,A.A.; KIRILLOV,G.A.

Cotton drying and ginning in industry. Tekst.prom.15 no.10:23-26 O'55. (MLRA 8:12)
(Cotton gins and ginning)

KIRILLOV, G.A.

GARTMAN, V.A.; GRYAZEV, A.T., KIRILLOV, G.A., KOGAN, S.M., redaktor; RAKHMATULLIN, F., tekhnicheskiy redaktor

[Centralized drying and cleaning of raw cotton at procurement stations] Opyt tsentralizovannoi sushki i ochistki khlopka-syrtsa na zagotovitel'nykh punktakh. Tashkent, Gos.izd-vo UzSSR, 1956. 39 p. (MLRA 10:6)
(Cotton)

KIRILLOV, G.A.

KASSIRSKIY, A.A.; KIRILLOV, G.A.

Erroneous concept of the influence of gin output on fiber quality.
Tekst.prom.16 no.12:10-12 D'56. (MLRA 10:1)
(Cotton gins and ginning)

KIRILLOV, Georgiy Aleksandrovich; POPELLO, A.P., red.; GORDEYCHIK, G.M., red.; DMITRIYEVA, N.I., tekhn. red.

[KV-3 condenser for a battery of saw gins] Kondenser marki KV-3 dlia batarei pil'nykh voloknootdelitelei. Pod red. A.P. Popello. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1958. 18 p. (Cotton gins and ginning) (MIRA 11:7)

KIRILLOV, G.A., inzh.

Improving the cleaning of fibers. Tekst. prom. 18 no.8:30-32 Ag '58.
(MIRA 11:10)

(Textile fibers--Cleaning)

USSR / Human and Animal Morphology. Nervous System. S-2
Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64801.

Author : Kirillov, G. A.
Inst : Not given.
Title : Alterations of the Intra- and Extramural Vegetative Nervous System of the Gastro-Intestinal Tract in Hypertonic Illness.

Orig Pub: Arkhiv Patologii, 1957, 19, No 5, 53-58.

Abstract: In a hypertonic illness, the intra- and extramural nerve apparatus of the gastro-intestinal tract is affected. In different sections of the tract, and in the extramural nerve bundles, the number of affected nerve cells is different. However, the changes are stereotyped and end in being a combination of destructive and reactive pro-

Chair of Pathological Anatomy, Pediatrics Faculty, 2nd Moscow State Med. Inst.

Card 1/2

KIRILLOV, G. A. , Cand Med Sci -- (diss) "Changes in the intramural and the extramural vegetative nervous system of the gastrointestinal tract in hypertonia." Mos,1958. 16 pp (2nd Mos State Med Inst im N.I. Pirogov). 200 copies (KL, 12-58, 102)

KIRILOV G.A.

EXCERPTA MEDICA Sec 5 Vol 12/1 Gen Pathology Jan 59

199. DISEASES OF THE GALLBLADDER IN HYPERTENSION (Russian text) - Kirilov G.A. - ARKH. PATOL. 1958, 20/5 (63-67) Illus. 1

Description of 3 cases of severe hypertension, associated with cholecystitis. In the first case, perforation of the gallbladder occurred and death from peritonitis supervened. At necropsy all cases showed, besides severe nephrosclerosis, vascular changes in the gallbladder in the sense of periarteritis nodosa often also in the shape of plasmorrhagias and necrosis of the artery wall with paralytic distension of the veins. Unlike the classical cases of periarteritis nodosa, polyneuritis, fever and a distinct leucocytosis were absent in the 3 cases observed; moreover, the duration of the disease was over 1 year. It seems correct therefore to designate the clinical-pathological picture of the 3 cases as resembling a periarteritis nodosa in its course. Microscopical findings are reported in respect of the gallbladder only.

Brandt - Berlin

Chair Pathol Anatomy II Moscow Med Inst im Sorgo

VINOGRADOV, Yu.N., inzh.; RUDAKOV, B.V., inzh.; KIRILLOV, G.B., inzh.

Cutting the time of preliminary drying of the armature of electric traction engines before impregnation. Trudy TSNII MPS no.246: 113-118 '62. (MIRA 16:2)

(Electric railway motors)

AUTHOR: Kirillov, G.I. SOV/140-58-6-13/27

TITLE: On a Polarly Normalized Space (O polyarno normalizovannom prostranstve)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 6, pp. 127-138 (USSR)

ABSTRACT: Norden [Ref 1] investigated in detail the polar normalization if the absolute of the space is a hypersurface of second order. The author considers a polarly normalized space, the absolute of which is a hypersurface of third order. The first paragraph has an introducing character. In the second one it is asserted that the inner geometry of the considered polarly normalized space is equiprojective; an equiprojective space, however, has to satisfy still an additional condition in order that it is polarly normalized. § 3 considers the two-dimensional case if the absolute is a curve of third order.
There are 4 Soviet references.

ASSOCIATION: Semipalatinskiy pedagogicheskiy uchitel'skiy institut (Semipalatinsk Pedagogical Teacher's Institute)

SUBMITTED: April 10, 1958

Card 1/1

GRIGOR'YEV, Vitaliy Konstantinovich; KIRILLOV, Grigoriy Konstantinovich; RABEY, Isaak Yakovlevich; SHORIN, D.M., red.; ALEKSEYEV, V.I., red. izd-va; FILIPPOV, A.L., tekhn. red.

[Maneuverability of oil barges in push-type towing] Upravliaemost' neftenalivnykh sostavov pri tolkanii. Moskva, Izd-vo "Rechnoi transport," 1958. 55 p. (MIRA 11:7)
(Towing)

124-57-1-1096

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 153 (USSR)

AUTHOR: Kirillov, G. M.

TITLE: The Stability of Bar Systems (Ustoychivost' sterzhnevykh sistem)

PERIODICAL: Tr. Ural'skogo politekhn. in-ta, 1955, Nr 54, pp 108-116

ABSTRACT: Bibliographic entry

1. Beams--Stability--Bibliography

Card 1/1

MAL'NEV, A.F.; KREMENCHUGSKIY, L.S.; BEREZKO, B.N.; SHEVTSOV, L.N.; BOGDEVICH, A.G.; KIRILLOV, G.M.; CHASHECHNIKOVA, I.T.; YARMOLENKO, N.A.; OFENGENDEN, R.G.; SERMAN, V.Z.; DALYUK, Yu.A.; BEREZIN, F.N.; KONENKO, L.D.; SHALEYKO, M.A.; SHEVCHENKO, Yu.S.; STOLYAROV, V.A.; KIRILLOV, G.M.; BOGDEVICH, S.F.; LYSENKO, V.T.; BRASHKIN, N.A.; SKRIPNIK, Yu.A.; GRESHCHENKO, Ye.V.; TUZ, R.M.; SERPILIN, K.L.; GAPCHENKO, L.M.

Abstracts of completed research works. Avtom. i prib. no.3:90-91 Jl-S '62. (MIRA 16:2)

1. Institut fiziki AN UkrSSR (for all except Skripnik, Greshchenko, Tuz, Serpilin, Gapchenko). 2. Kiyevskiy politekhnicheskiy institut (for Skripnik, Greshchenko, Tuz, Serpilin, Gapchenko).
(Research)

MAL'NEV, A.F.; KREMENCHUGSKIY, L.S.; BEREZKO, B.N.; SHEVTSOV, L.N.; BOGDEVICH, A.G.; KIRILLOV, G.M.; CHASHECHNIKOVA, I.T.; YARMOLENKO, N.A.; OFENGENDEN, R.G.; SERMAN, V.Z.; DALYUK, Yu.A.; BEREZIN, F.N.; KONENKO, L.D.; SHALEYKO, M.A.; SHEVCHENKO, Yu.S.; STOLYAROV, V.A.; KIRILLOV, G.M.; BOGDEVICH, S.F.; LYSENKO, V.T.; BRASHKIN, N.A.; SKRIPNIK, Yu.A.; GRESHCHENKO, Ye.V.; TUZ, R.M.; SERPILIN, K.L.; GAPCHENKO, L.M.

Abstracts of completed research works. Avtom. i prib. no.3:90-91 Jl-S '62. (MIRA 16:2)

1. Institut fiziki AN UkrSSR (for all except Skripnik, Greshchenko, Tuz. Serpilin, Gapchenko). 2. Kiyevskiy politekhnicheskiy institut (for Skripnik, Greshchenko, Tuz, Serpilin, Gapchenko).

(Research)

KIRILLOV, G.M., dots., kand. tekhn. nauk

Using focal relations in designing elastically supported beams. Trudy Ural. politekh. inst. no.71:75-82 '59. (MIRA 12:8)
(Girders)

26160

16.1500

S/044/61/000/005/023/025
0111/C444

AUTHOR: Kirillov, G. M.

TITLE: The solution of linear equations by aid of a proportional compass

PERIODICAL: Referativnyy zhurnal, Matematika, no. 5, 1961, 28, abstract 5V198. (Tr. Ural'skogo politekhn. in-ta, 1960, sb. 99, 98 - 104)

TEXT: Proposed is the graphical accomplishment of the multiplication of every equation of the system with a number, expressed by the proportion of the coefficients at the variable which is to be eliminated, and of the adjoining algebraic additions. If one represents the coefficients by straight line segments, being orthogonal to a basis straight line and lying above or below it, depending on the sign, then it is possible to accomplish the multiplications by aid of a proportional compass. Then the usual graphical addition or subtraction of the straight line segments follows in the same way as e. g. in the numeric solution by the method of Jordan (Narets L. K., Raschet staticheskiy neopredelimykh sistem na malykh oychislitel'nykh mashinakh, Stroyizdat, 1958 [Computing of static undetermined systems on small computers]), by which one of the mentioned examples is solved. A sum-

Card 1/2

The solution of linear equations...

26140
S/044/61/000/005/023/025
C111/C444

mary of a method for raising the exactness after deviations is given. The author affirms that the proposed graphical method needs much less effort than the numerical one.

(Abstracter's note: Complete translation.)

Card 2/2

KIRILLOV, G.M., dotsent, kand.tekhn.nauk

One procedure in using an iteration method. Trudy Ural. politekh. inst. no.99:105-112 '60. (MIRA 14:5)
(Linear equations)

KIRILLOV, G.M.

Designing frames for stability. Trudy Ural. politekh. inst. no.132:95-101 '62. (MIRA 16:6)

(Structural frames)

KIRILLOV, G.M.

Calculation of frames by the method of distributing fixed-end moments. Trudy Ural. politekh. inst. no.102:77-82 '61. (MIRA 16:11)

VOINOV, M.S.; KIRILLOV, G.M.; KOZLOVA, M.M.; CHZHAO, A.Ye. [Chao, A.M.]; ABRIKOSOVA, F.S., red.; AMBARTSUMYAN, Z.N., red.; VASILEVSKAYA, V.A., red.; DROZDOVA, N.N., red.; ZHAK, D.K., red.; KRSSNNIKH, V.N., red.; KOPNLOVA, G.I., red.; LEVASHOVA, Z.P., red.; SMIRNOVA, E.A., red.; TIMOSHENKO, G.G., red.; KHRENKOVA, A.A., red.; KHELEMSKAYA, L.M., tekhn. red.

[Catalog for district libraries] Katalog raionnoi biblioteki. Sec.63. [Agriculture] Sel'skoe khoziaistvo. Izd.3., dop. i perer. Moskva. 1957. 163 p. (MIRA 11:8)

1. Moscow. Publichnaya biblioteka.
(Bibliography—Agriculture)

FOMINA, Yelena Nikitichna; VADIKOVSKAYA, L.M.; KIRILLOV, G.N.; CHZHAO, A.Ye.; VASIL'YEVA, L.P., tekhn.red.

[For an abundance of agricultural products; survey of literature] Za obilie produktov sel'skogo khozyaistva; obzory literatury. Moskva, M-vo kul'tury RSFSR, 1959. 68 p. (MIRA 12:9)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Agriculture)

VADIKOVSKAYA, L.M.; VOINOV, M.S.; KIRILLOV, G.N.; KOZLOVA, M.M.; CHZHAO, A.Ye.; SADOF'YEV, A.F., red.; VASIL'YEVA, L.P., tekhn.red.

[Animal husbandry; a recommended list of literature] Zhivotnovodstvo; rekomendatel'nyi ukazatel' literatury. Moskva, 1959. 241 p. (MIRA 12:9)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Stock and stockbreeding)

VADIKOVSKAYA, L.M.; KIRILLOV, G.N.; KOZLOVA, M.M.; CHZHAO, A.Ye.; TYUTCHEVA, F.M., red.; TSVETAIZVA, Ye.M., red.; POLESITSKAYA, S.M., tekhn.red.

[Plant growing; recommended literature] Rastenievodstvo; rekomendatel'nyi ukazatel' literatury. Moskva, M-vo kul'tury RSFSR, 1960. 245 p. (MIRA 13:10)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Agriculture)

KIRILLOV, G.N., inzh.; RENGACH, V.N., inzh.

Builders of hydraulic structures on advanced frontiers. Transp. stroi. 15 no.5:30-33 My '65. (MIRA 18:7)

2233. KIRILLOV, G.N., SMIRNOV, N. YE, AND NOZHKOV, N.I.

Tykva- 'Itaminnaya Kul 'Tura. M., Pishchepromizdat, 1954. 24s. 22sm. (M-Vo Prom-Stiprodovol'Stv. Tovarov SSSR. OTD. Sel'skogo Khozyaistva). 3,000 EKZ. 75k.--Bibliogr: s. 24-
(54-56264)p 632.62+636.085 : 577.16+(016.3)

KIRILLOV, G.N., inzhener; MOSKALEV, P.D., mekhanik; PIMENOV, A.N., shofer; KOMEV, B.F., inzhener, retsenzent; KAPRALOV, B.A., redaktor; MODEL', B.I., tekhnicheskiy redaktor.

[Servicing and regulating the feed system of carburetor motors] Obslushivanie i regulirovka sistemy pitaniia karbiuratornykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1954. 144 p. (MLRA 7:8)
(Automobiles--Engines)

KIRILLOV, I.

Converting an electric drill into a boring machine. IUn.tekh. 3 no.9:40-41 S '58. (MIRA 11:10)
(Drilling and boring machinery)

KIRILLOV, I.

Is the earth swelling? Does it gain weight? IUn.tekh. 7 no.4:52-56 Ap '63. (MIRA 16:4)
(Geophysics)

KIRILLOV, I.

Perelomnyi etap v razitii sovetskogo grazhdanskogo flota. [The crisis in the development of the Soviet civil fleet]. (Samolet, 1931, no. 4-5, p. 6-8, map: The five-year plan for construction of air lines of the U.S.S.R.).

DLC: TL504.S25

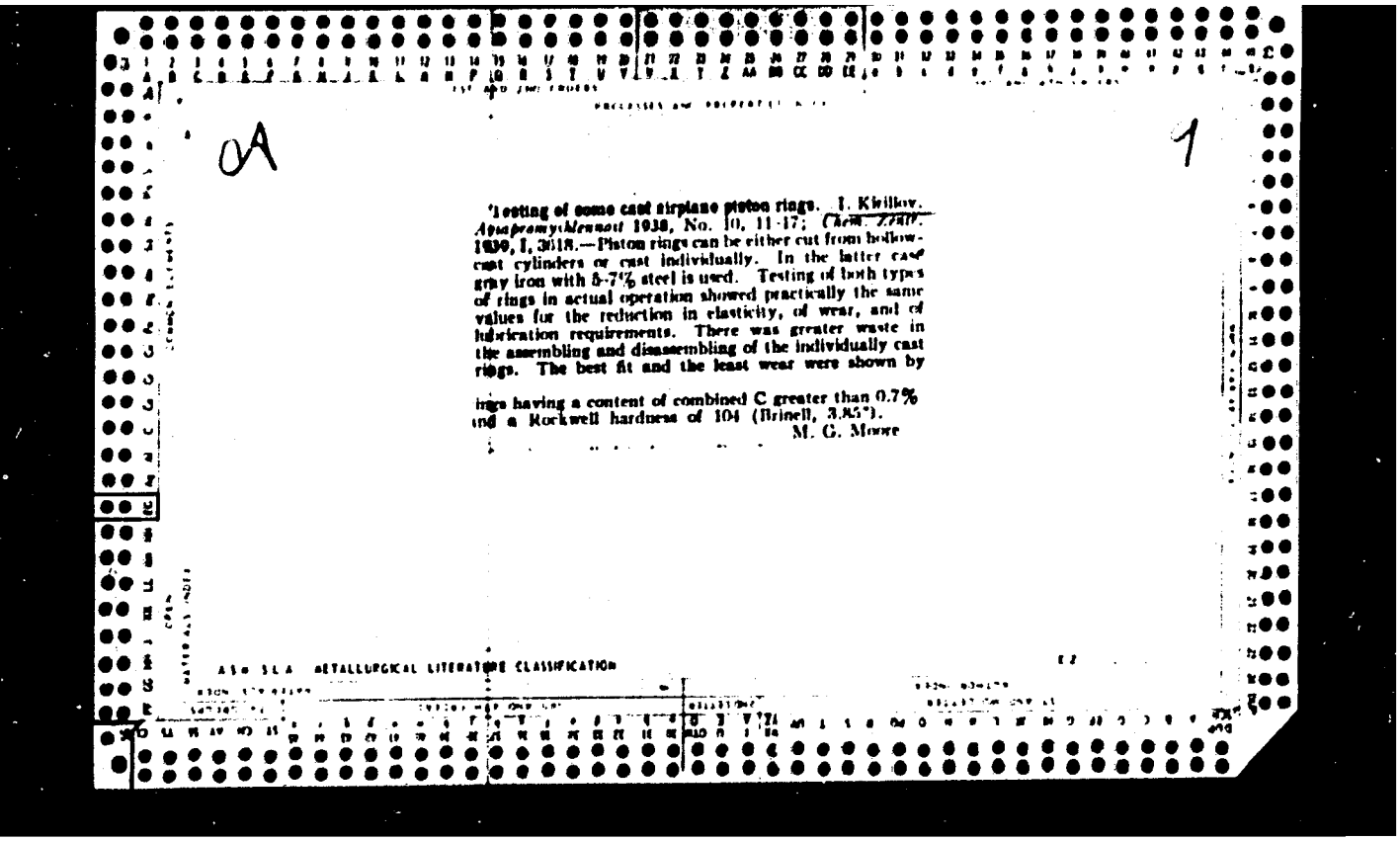
SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

KIRILLOV, I.

Aviatsiia v Arktike. /Aviation in the Arctic/. (Samolet, 1938, no. 9, p. 12-16, illus.).

DLC: TL504.S25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.



0A

1

Testing of some cast airplane piston rings. I. Kiselov. *Aviaprom'yshlennost* 1938, No. 10, 11-17; *Chem. Zentr.* 1939, I, 3018.—Piston rings can be either cut from hollow-cast cylinders or cast individually. In the latter case gray iron with 5-7% steel is used. Testing of both types of rings in actual operation showed practically the same values for the reduction in elasticity, of wear, and of lubrication requirements. There was greater waste in the assembling and disassembling of the individually cast rings. The best fit and the least wear were shown by

rings having a content of combined C greater than 0.7% and a Rockwell hardness of 104 (Brinell, 3.85°).

M. G. Moore

ASM STA METALLURGICAL LITERATURE CLASSIFICATION

KIRILLOV, I., rukovoditel' aviamodel'nogo druzhka.

Cutter. Kryl.rod. 4 no.7:15 Jl '53. (MLRA 6:7)
(Carpentry--Tools)

Kirillov, I.

AID P - 1011

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 12/16

Author : Kirillov, I.

Title : Indoor flying model "Malyutka"

Periodical : Kryl. rod., 6, 1, 20-22, Ja 1955

Abstract : Diagrams and technical data of an aircraft flying model.

Institution : None

Submitted : No date

KIRILLOV, I.

Timer gas tank. Kryl.rod. 8 no.3:26 Mr '57. (MLRA 10:5)

1. Instruktor-aviamodelist Kirovskogo Doma pionerov goroda Moskvy.
(Airplanes--Engines--Models)

Kirillov, I.

PHASE I BOOK EXPLOITATION SOV/4020

Aviamodelizm; sbornik statey [illegible] posobiye dlya rukovoditeley aviamodel'nykh kruzhkov i uchitele[illegible] ([illegible]craft Modeling; Collection of Articles. Textbook for Instructors [illegible] [illegible]del Aircraft Clubs and Teachers) Moscow, Uchpedgiz, 1960. [illegible] p. 12,000 copies printed.

Compilers: E.B. Mikirtumov, Candidate of Technical Sciences, and M.S. Lebedinskiy, Candidate of Technical Sciences; Ed.: A.Ye. Stakhurskiy; Tech. Ed.: V.I. Korneyeva.

PURPOSE: This book is intended for instructors and directors of model airplane clubs sponsored by DOSAAF (All-Union Voluntary Society for Promotion of the Army, Navy, and Air Force).

COVERAGE: The book consists of 47 articles covering various aspects of model aircraft design, construction and operation. The text contains many illustrations and diagrams. No personalities are mentioned. There are 185 references, all Soviet.

TABLE OF CONTENTS:

Smirnov, E. Choice of Propeller and Rubber Band Propulsion for Flying Model Airplanes 21

Smirnov, E. Special Features of Flight of Models With Reduced Rubber Band Propulsion 25

Kraslavskiy, B. Theory of Soaring for Model Airplanes 27

Valentinov Yu. Calculating High-Speed Models for Rectilinear Flight 32

PART TWO. CONSTRUCTING AND LAUNCHING MODEL AIRPLANES 39

Ch. I. Gliding Models 39
Fuselage Model (Kuzkina, Yu.) 39
Record-Making Model of A. Arnadinov (Vlitin, G.) 39
Model With a Turbulator (Zhenak, Kh.) 44
Control of Soaring Models (Sokolov, Yu.) 46

Ch. II. Rubber-Band Propelled Model Airplanes 47
Designing Models (Matveyev, V.) 47
Rubber-Band Propulsion for Model Airplanes 49
Airplane Models With Rubber-Band Propulsion (Matveyev, V.) 50
Indoor Flying Model "Malyutka" (Kirillov, I.) 52
Fuselage Model Airplane (Trunkov, A.) 55
High-Speed Model (Kumanin, V.) 58
High-Speed Model of the "Flying Wing" Type (Kumanin, V.) 61
Model Airplane Maker on the Take-Off Stand (Kumanin, V.) 64

Ch. III. Aircraft Models With Piston Engines 66
Soaring Model (Pavlov, P.) 66
Soaring Model (Yermakov, A.) 70
Model Airplane of the "Flying Wing" Type (Kupfer, M.) 73
High-Speed, Free-Flight Models (Martynov, B.) 77
Cable Control, Contour Model of the Yak-18 (Malinovskiy, G.) 80
Cable Control, High-Speed Model 82
Controlled-Flight Model (Vasil'chenko, M.) 84
Designing Cable Control High-Speed Models (Sladki, I.) 86
Control Technique for Cable Control Model Airplanes (Vasil'chenko, V.) 91

Ch. IV. Piston Engines and Fuels for Flying Models 95
Model Airplane Engine "Vikhr'" (Sukhov, Ye.) 95
Model Airplane Engine MK-09 Designed by V. Petukhov (Gayevskiy, O.) 99
Model Airplane Engines MB-05-F and MKS-05-F (Gayevskiy, O.) 101
Fuel Tanks for Model Airplanes 103
Fuels for Model Airplane Engines (Gayevskiy, O.) 106
Restoration of Compression in Model Airplane Engines (Maslenko, A.) 109
Manufacture of Piston Rings for Model Airplane Engines (Gayevskiy, O.) 110
Mounting an Incandescent Plug on the MK-12S Compressor Engine (Dem'yanenko, M.) 113
Needle-less Carburetor (Tatsiturnov, V.) 114
Operation Timer for Model Airplane Engines (Grigorenko, A.) 115

VLADIMIRTSEV, I.N.; KIRILLOV, I.A.; LEPEKHINA, M.Ye.,; FILATOVA, I.T., red.; GOLICHENKOVA, A.A., tekhn. red.

[Trade union of agricultural workers; concise historical study] Profsoiuz rabochikh sel'skogo khoziaistva; kratkii istoricheskii ocherk. Moskva, Izd-vo VTsSPS Profizdat, 1961. 245 p. (MIRA 15:3)

(Trade unions) (Agricultural workers)

SHLYAPNIKOV, Vladimir Izrailevich; KIRILLOV, Ivan Aleksandrovich; OLINSKIY, M., red.; KOVALENKO, V., tekhn. red.

[On foot across the Crimea]Peshkom po Krymu. Simferopol', Krymizdat, 1955. 196 p. (MIRA 15:12)
(Crimea—Guidebooks)

KIRILLOV, Ivan Andreyevich, kand. istor. nauk; KAPLUNOV, A.S., red.; SAVCHENKO, Ye.V., tekhn. red.

[Present-day development of the technical qualification and culture of Soviet workers] Pod"em kul'turno-tekhnicheskogo urovnia trudiashchikhsia v sovremennykh usloviiakh. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.1, Istoriia, no.11) (MIRA 14:7)

(Labor and laboring classes) (Technical education)

KIRILLOV, Ivan Aleksandrovich; BAYEV, Yevg., red.; ISUPOVA, N., tekhn. red.

[Wonderful peninsula] Udivitel'nyi poluostrov. Simferopol', Krymizdat, 1963. 92 p. (MIRA 16:10)
(Crimea--Economic geography)

ANTROPOV, N.P.; VOSKRESENSKAYA, M.A.; KIRILLOV, I.A.; KULINCHENKO, A.A.; BATAYEVA, T.V., kand. ist. nauk, nauchn. red.; FILATOVA, I.T., red.; ZAYTSEVA, L.A., tekhn. red.; ANDREYEVA, L.S., tekhn.red.

[Trade unions of the U.S.S.R.; documents and materials in four volumes, 1905-1963] Profsoiuzy SSSR; dokumenty i materialy v chetyrekh tomakh (1905-1963 gg.) Moskva, Profizdat. Vol.2.[Trade unions during the period of the building of socialism in the U.S.S.R., October 1917-1937] Profsoiuzy v period postroeniia sotsializma v SSSR; oktiabr' 1917 g. - 1937 g. 1963. 866 p. (MIRA 17:3)

KIRILLOV, Ivan Akimovich

Academic degree of Doctor of Economic Sciences, based on his defense, 30 June 1955, in the Council of Moscow Engineering Economic Inst imeni Ordzhonikidze, of his dissertation entitled: "Capital and turnover funds of socialist industry, (the composition and sources of formation)."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 5, 3 Mar 56, Byulleten' MVO SSSR, No. 2, Jan 57, Moscow, pp 17-20, Uncl. JPRS/NY-466

KIRILLOV I, A.

PHASE I BOOK EXPLOITATION 543

Yur'yev, Nikolay Mikhaylovich and Kirillov, Ivan Akimovich

Tekhpromfinplan mashinostroitel'nogo zavoda (The Technical, Industrial and Financial Plan for Plants of the Machinery Industry) Moscow, Mashgiz, 1957. 232 p. 10,000 copies printed.

Ed. (title page): Satel', E. A., Doctor of Technical Sciences, Professor; Reviewers: Kuznetsov, B. R., Engineer, and Solodovnikov, V. Ya., Economist; Ed. (inside book): Troitskiy, P. A., Economist; Ed. of Publishing House: Salyanskiy, A. A.; Tech. Ed.: Uvarova, A. F.; Managing Ed. of literature on economics and organization of production: Saksaganskiy, T. D.

PURPOSE: This textbook is intended for students in industrial engineering institutes and for economists employed by factories and shops of the machinery industry.

COVERAGE: This textbook presents a detailed review of the preparatory and developmental work leading to the formulation of a technical, industrial, and financial plan for a machinery plant. The author introduces typical calculations which in

Card 1/7

his opinion should facilitate and speed up the formulation of the plan. The textbook was prepared by the Department of Economics and Organization of Machine-building Production of the Moscow Engineering and Economics Institute im. S. Ordzhonikidze and was accepted as a textbook for industrial engineering institutes by the Ministry for Higher Education. There are 8 Soviet references.

TABLE OF CONTENTS:

Ch. I. The Composition and Purpose of a Technical Industrial, and Financial Plan, and the Procedure for Drawing it Up 3
1. The factory plan as a link in the unified state plan 3
2. The role and significance of a technical, industrial and financial plan 6
3. Composition of a technical, industrial, and financial plan 9
4. Procedure for drawing up a technical, industrial, and financial plan 11

Ch. II. Planning of Organizational and Technical Measures 15
1. The nature of a plan for technical organization 15
2. Sources of suggestions included in the plan for technical organization 16

3. Working out the basic outline of a plan for technical organization and drawing up annual plans for divisions and departments 16
4. Organizing mass work to develop a plan for technical organization 19
5. Calculating the economic efficiency of a plan for technical organization 33
6. Control of plan fulfillment for technical organization 34

Ch. III. Standards for the Technical and Economic Foundations of a Technical Industrial, and Financial Plan 35
1. Standards as a basis for calculating the technical, industrial, and financial plan 35
2. The development and systematization of standards 37
3. The most important production and economic standards of a plant 39

Ch. IV. Production Planning and Production Output (Production Plan, Production Program) 43
1. Measures of production volume 43
2. Determining the volume of production based on commodity output 46
3. Determining the volume of production based on gross output 48
4. Calculation of requirements for work in process 50

5. Determining the length of a production cycle 59
6. Planning of output quotas for shops 60
7. Continuous control of plan fulfillment based on commodity production and gross production 70

Ch. V.. Labor and Wage Planning 73
1. Plan objectives for labor and its basic tasks 73
2. Planning labor productivity 74
3. Possible ways of increasing labor productivity 76
4. Factors affecting the growth of labor productivity 77
5. Calculating the number of directly employed workers (direct labor) 83
6. Calculating the number of auxiliary workers (indirect labor) 91
7. Calculating the workers' wage fund 94
8. Calculating the wage fund and the number of engineering and technical workers, employees, junior aids, and apprentices 97
9. Calculating a wage fund for unlisted personnel 98
10. Calculating the number of non-industrial personnel and their wage fund 100

The Technical, Industrial and Financial Plan (Cont.)

11. Calculating deductions for social insurance 100
12. Calculations to determine manpower requirements and the plan for training personnel 101
13. Control of wage fund expenditures 102

Ch. VI. Planning for Material and Technical Supply 105

1. The scope and objectives of planning requirements for material and technical resources 105
2. Reserves uncovered through a proper utilization of material resources 106
3. Calculation of outlays per unit of production for purchased basic materials, semifinished products and parts 107
4. Calculation of requirements for basic materials, and purchased semifinished and finished products necessary for the program 110
5. Calculation of requirements for secondary materials 116
6. Setting up a supply plan and establishing minimum inventory levels for materials 117
7. Determining requirements for fuel and electric energy 119

Ch. VII. Planning Production Expenses and the Cost of Production 122
1. Cost structure and the classification of production expenses 124
2. Estimate of shop expenses 131
3. Estimate of over-all plant expenses 141
4. Planning of expenses in mastering new types of production 147
5. Planning of expenses for special industrial equipment (special expenses) 152
6. Compilation of a chart showing itemized production outlays 155
7. Estimate of production outlays based on itemized calculations 161
8. Estimate of production outlays based on basic economic elements 165
9. Effect on the cost of commodity output of changes in standards for the work in process 171
10. Planning a cost reduction of comparable commodity production 174
11. Economic accountability (khozraschet) as a means of fulfilling the technical, industrial, and financial plan 176

Ch. VIII. The Financial Plan of a Plant 180
1. Objectives and scope of the financial plan of a plant 180
2. Plan for the sale of a factory's output 182
3. Calculation of a planned profit and its specific distribution 183

The Technical, Industrial and Financial Plan (Cont.) 543

4. Structure and distribution of current assets in the machinery industry 188
5. Setting limits for the current assets of a plant 193
6. Planning of financial reserves which can be used to increase the limit on a plant's current assets 204
7. Planning annual depreciation expenses 208
8. Plan for financing capital construction 211
9. The income statement of a plant 218

Bibliography 230

AVAILABLE: Library of Congress

JG/mal
10/10/58

Card 7/7

BUNICH, P.G., kand.ekon.nauk, starshiy nauchnyy sotrudnik; PAKHOMOV, A.M., kand.ekon.nauk, starshiy nauchnyy sotrudnik; BUDAVEY, V.Yu., nauchnyy sotrudnik; IVANOV, Ye.A., nauchnyy sotrudnik; KIRILLOV, I.A., prof., doktor ekon.nauk; KOVALEVA, A.M., kand.ekon.nauk; SAFRAY, G.Ye., kand.ekon.nauk; YAKOBSON, M.O., prof., doktor tekhn.nauk; GOGITISHVILI, R.N., insh.; KHABUR, B.P.; BROYDE, I.M.; FILATOV, N.L.; BLAZHEY, Zdenko, doktor, ekonomist (Chekhoslovatskaya Respublika); NESHVER, Vatslav, insh., ekonomist (Chekhoslovatskaya Respublika); RYUMIN, S.M., red.; ZAVERNYAYEVA, L., red.izd-va; LEBEDEV, A., tekhn.red.

[Planning and financing of major repairs on fixed assets] Planirovanie i finansirovanie kapital'nogo remonta osnovnykh fondov. Moskva, Gosfinizdat, 1958. 223 p. (MIRA 12:2)

(Continued on next card)

BUNICH, P.G.---(Continued) Card 2.
1. Moscow. Nauchno-issledovatel'skiy finansovyy institut. 2. Nauchno-issledovatel'skiy finansovyy institut (for Bunich, Pakhomov). 3. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosplana SSSR (for Ivanov). 4. Moskovskiy inzhenerno-ekonomicheskiy institut im. S. Ordzhonikidze (for Safray). 5. Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov (for Gogitishvili). 6. Zamestitel' direktora TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota (for Khabur). 7. Nachal'nik finansovogo otdela sovnarkhoza Tatarskoy ASSR (for Broyde). 8. Ekspert Ministerstva finansov SSSR (for Filatov). 9. Investitsionnyy bank (for Blashey). 10. Tekhniko-organizatsionnyy nauchno-issledovatel'nyy institut mashinostroyeniya (for Neshver).
(Industry--Finance)